

Lung Carcinogenesis and Differentiation

Position to study the molecular pathology of lung carcinogenesis with neuroendocrine and peripheral airway cell differentiation. The research involves characterizing novel mouse models with translation to human disease using immunohistochemistry, image analysis, cDNA microarray, laser capture microdissection, and comparative genomic hybridization. Our group is part of the highly interactive NCI community, just minutes north of the main NIH campus and featured under Research, Investigators Index on www-ccr.nci.nih.gov

Candidates should have strong analytical skills, background in molecular biology, computer skills, and microscopy/digital imaging skills. Applicants must have received a M.D., Ph.D., or D.V.M. within the past 5 years.

To apply, submit a cover letter, curriculum vitae, publication list, and 3 letters of references with contact information to:

Dr. Ilona Linnoila, Head
Experimental Pathology Section
National Cancer Institute
9610 Medical Center Drive
Suite 300
Rockville, MD 20850 USA

E-mail: il17h@nih.gov
Voice: (301) 402-3128 ext. 313
Fax: (301) 402-4422

Nutritional Toxicologist

Departments of Nutrition and Environmental Toxicology
University of California, Davis

ASSISTANT/ASSOCIATE PROFESSOR

<http://nutrition.ucdavis.edu/faculty/recruitment/>

A tenure-track position is available in the Departments of Nutrition (80%) and Environmental Toxicology (20%) for an **Assistant/Associate Professor and Assistant/Associate Nutritional Toxicologist** in the Agricultural Experiment Station, College of Agricultural and Environmental Sciences. The nine-month tenure/eleven-month term appointment requires teaching, research and service.

We are especially interested in individuals who have, or will establish, a strong research program in nutritional toxicology. The candidate must have demonstrated skills in areas important to molecular biology, metabonomics or proteomics. Strongest consideration will be given to those with a documented commitment to areas, such as developmental toxicology and nutritional toxicology. The successful applicant will be expected to have or to develop an internationally recognized independent and well-funded research program, to teach at the undergraduate and graduate level, to train and supervise students and to collaborate with established programs within the Department and University. Applicants at the associate level must have demonstrated excellence in research and teaching.

Send résumé, transcripts (official transcripts are required if the Ph.D. was granted in the past five years), list of publications, detailed statement of past experience and future research plans and teaching interests as well as the names of three references to: Dr. Robert Rucker, Chair, Search Committee, Nutrition Dept., One Shields Avenue, University of California, Davis, CA 95616-8588. E-mail: rbrucker@ucdavis.edu. Dr. Marion Miller, Chair, Department of Environmental Toxicology may also be contacted (E.Tox. Dept., One Shields Avenue, University of California, Davis, CA 95616-8588. E-mail: mgmillersears@ucdavis.edu). The position will remain open until filled; to assure consideration, applicants should apply by **January 15, 2002**.

The University of California, Davis, is an affirmative action/equal opportunity employer.

Department Chair & Assistant Professor

Baltimore, MD. **The Department of Geography & Environmental Systems at UMBC** invites applications for two faculty positions, Department Chair and Assistant Professor, both beginning in August 2002.

Professor/Department Chair: Candidates for this position should already have attained the rank of full professor or senior associate professor and will have a distinguished record of scholarship, demonstrated excellence in teaching, superior administrative and leadership skills, and ability to attract external funding. In addition to our existing bachelor's degrees in geography, the department is inaugurating new degrees in environmental science and environmental studies and is actively exploring options for graduate education. We anticipate growth in enrollments, and we expect to recruit additional faculty for our program over the next several years. Our new chairperson will play a key role in these initiatives and in helping to expand on our growing relationships with campus-based research centers and with federal and state agencies. Commitment to maintaining a strong tradition of geographic research and education within an interdisciplinary context is essential. Research specialization is open, but we are particularly interested in attracting candidates with a background in environmental, medical, population, or urban geography.

Assistant Professor: Candidates must have completed the Ph.D. no later than August 2002 and are expected to have an active program of research and publication, ability to attract external funding, and evidence of commitment to teaching excellence. Preferred specialty is biogeography/landscape ecology with research interests in ecosystem dynamics, habitat and biodiversity, and urban ecosystems, but we will also consider candidates with background in climate and soils. Regardless of the area of expertise, teaching responsibilities will include introductory physical geography, at least one upper-level course in biogeography, and other upper-level courses in area of expertise. Experience in utilization of GIS and remote sensing as analytical tools that can be applied to problems introduced in upper-level courses is desirable.

The UMBC campus is located in close proximity to a broad array of federal, state, and local agencies as well as to other research institutions along the Washington-Baltimore-Philadelphia corridor. Research on urban ecosystems is facilitated through involvement with the new EPA-supported Center for Urban Environmental Research and Education and the Baltimore Ecosystem Study, an NSF- and U.S. Forest Service-funded Long-Term Ecological Research site whose headquarters are located on campus. UMBC also has strong partnerships with NASA-Goddard Space Flight Center through the Joint Center for Earth Systems Technology and the Goddard Earth Sciences and Technology Center.

Interested candidates should visit the Web site <http://www.umbc.edu/ges/search.htm> for additional information about our program and about research opportunities. Please send curriculum vitae, cover letter, and contact information for at least three references to:

Search Committee Chair
Dept. of Geography & Environmental Systems
UMBC
1000 Hilltop Circle, Baltimore, MD 21250.

Review of applications will begin on December 10, 2001, and will continue until the position is filled.
UMBC is an affirmative action/equal opportunity employer; minorities, women, and individuals with disabilities are encouraged to apply.

Postdoctoral Positions

Two POSTDOCTORAL POSITIONS are offered to study fundamental mechanisms of oxygen in angiogenesis, cell-to-cell adhesion or free radical production/pathogenesis as well as the clinical effects of hyperbaric oxygen. Individuals with clinical experience who are interested in obtaining research training will receive special consideration. An exceptional opportunity exists for collaborative basic and clinical research as part of an NIH-funded Specialized Center of Research in Hyperbaric Oxygen Therapy. Interested candidates should submit curriculum vitae and names of three references to: Stephen R. Thom, M.D., Ph.D., Institute for Environmental Medicine, University of Pennsylvania, 1 John Morgan Building, 3620 Hamilton Walk, Philadelphia, PA 19104-6068.

Contact Person:

Stephen R. Thom, M.D., Ph.D.
University of Pennsylvania
Institute for Environmental Medicine
Room 1 John Morgan Building
3620 Hamilton Walk
Philadelphia, PA 19104-6068
Phone: 215.898.9095
Fax: 215.573.7037

Yale University School of Medicine

Division of Environmental Health Sciences Department of Epidemiology and Public Health

The Division of Environmental Health Sciences in the Department of Epidemiology and Public Health at Yale is accepting applications for a Junior Faculty position. Rank and salary will be commensurate with experience.

The Division seeks candidates with a commitment to excellence in research and teaching in all aspects of environmental health. Candidates are encouraged to apply whose research interests complement ongoing divisional research in the following areas: environmental agents in asthma and cancer; biomarkers in exposure assessment; the etiology of environmental related diseases; and the interaction of the environment with genetic susceptibility. We are particularly interested in applicants whose research interests are directed toward the application of biomarkers of environmental exposure/effects or gene-environment interactions in asthma development, asthma severity or cancer. The successful candidate will be expected to direct an externally funded research program and participate in teaching M.P.H., Ph.D., and M.D. students.

Research resources at Yale include; several large cohorts being followed for asthma development and severity, an Asthma Specialized Center of Research (SCORE), the John B. Pierce Laboratory, Yale Comprehensive Cancer Center and the Connecticut Surveillance Epidemiology End Results (SEER) site. Joint appointments with other departments in Yale School of Medicine and Pierce Laboratory are possible.

Applications will be reviewed as they are received. Interested applicants should send a full curriculum vitae, including funding history, a letter describing research interests and qualifications, and names and addresses of three persons who could provide references to: Brian P. Leaderer, Ph.D., EHS Search Committee Chair, Department of Epidemiology and Public Health, Yale University School of Medicine, 60 College Street, P.O. Box 208034, New Haven, CT 06520-8034. Please reply by January 11, 2002.

Yale is an equal opportunity, affirmative action employer, and welcomes applications from qualified women and minority candidates.

Staff Clinician Vacancy



National Institute of Environmental Health Sciences
National Institutes of Health
Bethesda, Maryland

The **National Institute of Environmental Health Sciences (NIEHS)**, National Institutes of Health (NIH), Public Health Service (PHS) is seeking a Staff Clinician to facilitate development of a new clinical research program in the role of genetic and environmental factors in the pathogenesis of autoimmune diseases at the Clinical Center in Bethesda. Staff Clinicians are physicians who spend a majority of their time providing critical clinical services to the NIH. The Staff Clinician is also expected to provide clinical leadership and the highest level of clinical care. The individual will work under the Chief of the Environmental Autoimmunity Group and collaborate closely with intramural laboratory programs to study the etiology, pathophysiology and natural history of patients with autoimmune diseases.

The successful candidate for this Staff Clinician position will have an M.D. degree or equivalent and board certification or qualification in Internal Medicine and Rheumatology. Formal training in clinical research, experience in conducting clinical studies and evidence of scholarly achievements in these areas are highly desirable. A valid U.S. medical license is required. Salary will be commensurate with the level of education and experience. The initial appointment is for five years and is renewable every five years indefinitely.

For additional information concerning this position, contact Frederick Miller, M.D., Ph.D., Chief, Environmental Autoimmunity Group, Office of Clinical Research, NIEHS, NIH, Bethesda, Maryland, at 301-451-6273 or e-mail: millerf@mail.nih.gov. Applications from women and minority groups are particularly encouraged. Interested candidates should submit a curriculum vitae and bibliography, reprints of up to 3 relevant publications, a summary of clinical experience, current interests and professional goals, and 3 letters of reference to the contact shown below. Applications must be postmarked by December 14, 2001.

Ms. Tammy Locklear (Vacancy Number HNV 01-17)
NIEHS Human Resource Management Branch
P.O. Box 12233, Maildrop EC-11
Research Triangle Park, NC 27709 USA
ph: 919-541-3317, e-mail: locklea1@niehs.nih.gov
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HEAD, KNOCKOUT MOUSE CORE FACILITY



National Institute of Environmental Health Sciences
National Institutes of Health
Research Triangle Park, North Carolina

The National Institute of Environmental Health Sciences, National Institutes of Health, in Research Triangle Park, North Carolina, is reopening the recruitment to fill the position of Head of the Transgenic Knockout Core Facility in the Division of Intramural Research. The successful applicant will be a Staff Scientist in the Laboratory of Reproductive and Developmental Toxicology and responsible for generating mutant mice using embryonic stem cells. Additional duties will include planning and providing scientific oversight in designing targeting vectors for the generation of knockout mice, and providing expertise in mouse genetics and embryology.

Minimum qualifications include a Ph.D., D.V.M., or M.D. and knowledge of mouse molecular genetics or related topics. Priority will be given to individuals with postdoctoral training that includes appropriate demonstrated experience in the design of targeting vectors, screening of embryonic stem cells, and mouse colony husbandry. For additional information concerning this position, contact Dr. Yuji Mishina at mishina@niehs.nih.gov or by fax at 919-541-3800. Applications from women and minorities are particularly encouraged. The initial appointment is for five years and is renewable every five years thereafter. Salary will be commensurate with level of knowledge and experience of the appointee. Evaluation of applicants will begin July 23, 2001, and will extend until August 28, 2001, or until the position is filled. Interested parties should submit a curriculum vitae, bibliography, and brief statement of research interests, and arrange for the submission of three letters of recommendation to be sent to:

Ms. Tammy Locklear (Vacancy Number HNV 01-11)
NIEHS Human Resource Management Branch
P.O. Box 12233, Mail Drop EC-11
Research Triangle Park, NC 27709 USA
ph: 919-541-3317, e-mail: locklea1@niehs.nih.gov

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